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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the

application:

1. (Currently Amended) A system for measuring an angle of rotation, comprising:

an apparatus that measures the angle of rotation applied to a fastener by a tool beyond a

specific reference point, the apparatus comprising comprises a housing that includes a shaft and a

angle rate sensor, the housing, which is configured to be positioned between the tool and

fastener, the shaft is linked to an the angle rate sensor-that-which measures the speed and

direction of the rotation applied; and

an <u>digital multimeter</u> located apart from the tool, and linked to the apparatus.

2. (Currently Amended) The system of claim 1, wherein the apparatus housing further includes:

an angle selector adjustable to a desired angle;

a processor that calculates a current angle of rotation from the rate sensor measurements;

and

a zero point indicator that that sets a zero point for the processor to calculate the selected

angle.

3. (Previously Presented) The apparatus of claim 2, wherein the zero point is the reference

point for the processor to calculate a selected angle.

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5. (Previously Presented) The apparatus of claim 1, wherein the angle indicator is a digital

multimeter and a sound-generating device that activates when the selected angle of rotation has

been reached.

6. (Original) The apparatus of claim 2, wherein the angle selector is a potentiometer.

7. (Original) The apparatus of claim 2, wherein the angle selector is a resistance ladder.

8. (Original) The apparatus of claim 2, wherein the processor is a microcontroller.

9. (Cancelled)

10. (Currently Amended) The device of claim 9 25, wherein the means for measuring comprises

means for selecting a desired angle of rotation, means for calculating the angle of rotation from

the data, means for indicating a zero point from which the means for calculating basis the angle

measurement and means for indicating the current angle as determined by the means for

calculating.

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11. (Currently Amended) The device of claim 9 25, further comprising wherein the means for

applying torque to a fastener comprises a shaft.

12. (Currently Amended) A method for determining an angle of rotation of a fastener, the steps

of comprising:

measuring the angle of rotation, as applied to the fastener by a tool, with a device, which

comprises a housing that includes a shaft and an angle rate sensor, the housing is configured to

be positioned between the fastener and tool, the shaft is linked to an angle rate sensor that

measures the speed and direction of the rotation applied; and

displaying the current angle of rotation with an angle indicator positioned away from and

linked to the tool.

13. (Currently Amended) The method of claim 12 wherein the step of measuring the angle of

rotation comprises:

selecting a desired angle using an angle selector located on an apparatus the housing,

which further comprises an angle selector, an angle rate sensor, a processor, a zero point

indicator and an angle indicator;

indicating a zero point to the processor;

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applying torque to the fastener with the tool to which the apparatus the device is attached

to rotate the fastener;

measuring the rate and speed of the rotation with the angle rate sensor starting from the

zero point; and

calculating an angle of rotation using the processor.

14. (Original) The method of claim 13, further comprising the step of indicating that the

processor has accepted the zero point.

15. (Original) The method of claim 12, further comprising the step of alerting that the

desired selected angle of rotation has been reached.

16. (Currently Amended) A system for measuring an angle of rotation at a fastener beyond a

specific reference point, comprising:

a tool that applies torque to a fastener;

an apparatus that measures the angle of rotation beyond a specific reference point, the

apparatus configured to fit between the tool and the fastener, the apparatus comprises a housing

that includes an angle rate sensor that measures the speed and direction of the rotation applied

and is configured to be located between the tool and fastener; and

an angle indicator located away from and linked to the apparatus.

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17.	(Currently	Amended)	The	system	of	claim	16	wherein	the	apparatus	housing	further
				•								
com	prises:											

an angle selector adjustable to a desired angle of rotation;

an angle rate sensor that measures the speed and direction of the rotation applied;

a processor that calculates a current angle of rotation from the rate sensor measurements;

and

a zero point indicator that sets a zero point for the processor to calculate the selected angle.

- 18. (Original) The system of claim 16, wherein the tool comprises a ratchet.
- 19. (Original) The system of claim 16, wherein the tool comprises a socket.
- 20. (Original) The system of claim 17, wherein the angle selector comprises a potentiometer.
- 21. (Original) The system of claim 17, wherein the angle selector comprises a resistance ladder.

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22. (Original) The system of claim 17, wherein the processor comprises a microcontroller.

23. (Currently Amended) The system of claim 17, wherein the angle indicator is a digital

automotive tester multimeter.

24. (Currently Amended) The system of claim 17, wherein the angle indicator is a digital

automotive tester multimeter and a sound generating device that activates when the selected

angle of rotation has been reached.

25. (New) A device for measuring an angle of rotation beyond a specific reference point,

comprising:

means for enclosing configured to be located between a tool and a fastener;

means for applying torque to the fastener, the means for applying torque is located within

the means for enclosing;

means for measuring the angle of rotation of the fastener from the fixed reference point,

the means for measuring located within the means for enclosing; and

means for displaying the current angle of rotation, the means for displaying located apart

from and linked to the means for applying.